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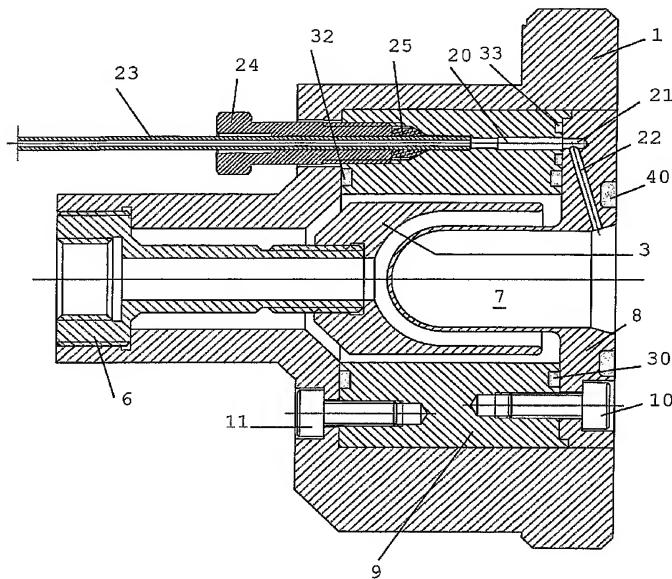
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**(54) Title: TARGET DEVICE FOR PRODUCING A RADIOISOTOPE**



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**(57) Abstract:** The present invention is related to an irradiation cell for producing a radioisotope of interest through the irradiation of a target material by a particle beam, comprising a metallic insert (2) forming a cavity (7) designed to house the target material and to be closed by an irradiation window, characterized in that said metallic insert (2) comprises at least two separate metallic parts (8,9) of different materials, being composed of at least a first part (8) comprising said cavity (7).



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